

## ***EASTERN RESINS***

# **WATER SEAL 20**

### **DESCRIPTION:**

*Water Seal 20* is a VOC compliant 20% solids, water repellent sealer for concrete, brick, block and other masonry surfaces. *Water Seal 20* will deeply penetrate the surface and provide water repellency by chemically reacting with the cementitious substrate. Unlike traditional silane water repellents, *Water Seal 20* performs equally well on old or new concrete and masonry surfaces. *Water Seal 20* is not sensitive UV and weather deterioration. Treated surfaces are hydrophobic and retain their original appearance.

### **TYPICAL USES:**

Bridges, dams,  
parking garage floors  
Brick and block walls  
All concrete and masonry surfaces  
Resistant to: Water intrusion, Staining,  
Freeze Thaw Spalling, Efflorescence

### **FEATURES:**

Resistant to deicing chemicals  
Moisture vapor transmission not effected  
Meets VOC standards for Federal projects  
One coat application

### **PHYSICAL PROPERTIES**

Color	clear/amber
Solids Content	20%
Weight per Gallon	6.63 lb./gal. .
Storage	below 100°F
Flash Point	99°F
(voc) Content g/l	<b>3.87 lb/gal. (465)</b>
Clean Up With...	Mineral Spirits / Lacquer Thinner

### **Water Seal 20 meets or exceeds the following Federal and State test standards:**

Federal test Standards #141  
Federal Specifications SS-W-110C (GSA-FSS)  
ASTM 672: Little or no change after 100 cycles of deicer freezing and thawing  
ASTM E-514: Water Permeance of Masonry: >94%  
ASTM E-303: Little or no friction change after sealing air entrained concrete  
Oklahoma DOT Test Procedure OHDL-34-35 Depth of penetration: >.300 inch

**SUBSTRATE PREPARATION:**

All surfaces to be treated must be dry, free of cracks, dirt, efflorescence, oils, curing compounds, paint or other coatings that may effect penetration of *Water Seal 20*.

Repair all cracks and joints. New concrete must be allowed to cure for a minimum of 28 days before application of *Water Seal 20*. Surface and air temperature shall be above 45°F for application.

Mask **all** adjacent surfaces to protect from overspray. Protect and shield painted surfaces, wood, plants, shrubs, grass and all other surfaces not intended to receive treatment.

Remove any overspray immediately with mineral spirits or paint thinner.

**APPLICATION:**

Use a low pressure rotary or gear pump sprayer with a fan tip. For small applications, a pump up spray tank with solvent resistant hose is acceptable. Do not use airless paint sprayers for application of *Water Seal 20*. Apply to vertical surfaces starting at top and overlap 3-6 inches between passes. Spray should be applied to the point of saturation. For horizontal surfaces, apply by sprayer, brush or roller. Brush out all puddles as soon as possible. Coverage rates vary according to type of substrate and porosity. The table below is a guide for coverage rates. Clean up all tools and equipment with paint thinner or mineral spirits.

**NOTE: *Water Seal 20* will react and dry clear on cementitious substrates. Normal dry time is 4 days to two weeks.**

<b>COVERAGE RATE</b>	
<b>Substrate</b>	<b>Water Seal 20 sq. ft./gallon</b>
Light Weight Block	50 -75
Concrete Block (smooth face)	75-125
Stucco (no acrylic additive)	100-125
Stucco (with acrylic additive)	150-200
Brick (standard)	125-150
Brick (fired)	200-250
Concrete (poured)	200-300
Precast concrete panels	200-300

**LIMITATIONS:**

Not intended to seal cracks in cementitious surfaces

Not suitable for application to asphalt surfaces

Do not use below grade

Water Seal 20 is not recommended over existing paint and other coatings

A test application is required to determine substrate compatibility and finished appearance.

**PRECAUTIONS:**

**Use only in well ventilated or open areas. Keep away from open flame or extreme heat. Avoid breathing vapors. Wear appropriate protection to avoid contact with skin and eyes. Wear organic mask and eye protection during application of *Water Seal 20*. Before using this product read and understand the Material Safety Data Sheet (MSDS).**

**WARRANTY:**

***Eastern resins Corp.* warrants only that this product meets the quality and technical standards noted in its current product literature. *Eastern resins Corp.* cannot be held responsible for circumstances outside of its control including, but not limited to other materials, product handling, product storage or use of the product. *Eastern Resins Corp.* will provide sufficient product to replace any which is proven, by acceptable industry standard testing methods, to have manufacturing defects. Such product replacement shall constitute the sole and exclusive remedy for any claim under this warranty. This warranty is in lieu of any other warranties, expressed, implied or statutory and is strictly limited in terms.**